INDEX TO VOLUME 131 (2003)

*Starred items are "Shorter Notes".

Abért, Miklós. *Symmetric presentations of Abelian groups*, 17

Abkar, Ali. *Application of a Riesz-type formula to weighted Bergman spaces*, 155

Abramovich, Dan and Jarvis, Tyler J. *Moduli of twisted spin curves*, 685

Adams, David R. and Hurri-Syrjänen, Ritva. *Capacity estimates*, 1159

Aduén, Hugo and Castro, Alfonso. *Infinitely many nonradial solutions to a superlinear Dirichlet problem*, 835

Agarwal, Ravi P.; Grace, Said R.; and O'Regan, Donal. *On nonoscillatory solutions of differential inclusions*, 129

Ageev, Oleg N. *On asymmetry of the future and the past for limit self-joinings*, 2053

Ahn, Young-Ho and Lemańczyk, Mariusz. *An algebraic property of joinings*, 1711

Aikawa, Hiroaki. *Positive harmonic functions of finite order in a Denjoy type domain*, 3873

Akin, Ethan and Auslander, Joseph. *Almost periodic sets and subactions in topological dynamics*, 3059

Alaoui, A. El Kacimi and Parthasarathy, R. *Trace splittings in C^*-algebras of tiling systems via colourings*, 1191

Albeverio, S.; Koshmanenko, V.; Kurasov, P.; and Nizhnik, L. *On approximations of rank one $\mathcal{H}_{-2}$-perturbations*, 1443

Albrecht, Ulrich. *Fuchs' problem 34 for mixed Abelian groups*, 1021

Alkan, Emre. *Nonvanishing of Fourier coefficients of modular forms*, 1673

Allday, Christopher; Hanke, Bernhard; and Puppe, Volker. *Poincaré duality in P. A. Smith theory*, 3275

Alonso, Ana I.; Obaya, Rafael; and Ortega, Rafael. *Differential equations with limit-periodic forcings*, 851

Alpin, Yuri A.; Chien, Mao-Ting; and Yeh, Lina. *The numerical radius and bounds for zeros of a polynomial*, 725

Alves, José F.; Araújo, Vítor; and Saussol, Benoît. *On the uniform hyperbolicity of some nonuniformly hyperbolic systems*, 1303

Ambrozie, C.-G. and Timotin, D. *A von Neumann type inequality for certain domains in $\mathbf{C}^n$*, 859

Andersen, Nils Byrial. *L^p versions of Hardy's uncertainty principle on hyperbolic spaces*, 2797

Anderson, D. D. and Zafrullah, Muhammad. *A property of weakly Krull domains*, 3689

Anisca, Razvan. *Subspaces of L_p with more than one complex structure*, 2819

Annaby, M. H. *On sampling theory associated with the resolvents of singular Sturm-Liouville problems*, 1803

Arapura, Donu and Archava, Sviatoslav. *Kodaira dimension of symmetric powers*, 1369

Araújo, Vítor. *See* Alves, José F.

Archava, Sviatoslav. *See* Arapura, Donu

Arlinskiĭ, Yury and Tsekanovskiĭ, Eduard. *On von Neumann's problem in extension theory of nonnegative operators*, 3143

Arvanitakis, Alexander D. *A proof of the Generalized Banach Contraction Conjecture*, 3647

Asai, Nobuhiro; Kubo, Izumi; and Kuo, Hui-Hsiung. *Segal-Bargmann transforms of one-mode interacting Fock spaces associated with Gaussian and Poisson measures*, 815

Astengo, Francesca. *An uncertainty principle on homogeneous trees*, 3155

Auinger, K. and Steinberg, B. *On the extension problem for partial permutations*, 2693

Auslander, Joseph. *See* Akin, Ethan

Aval, J.-C. and Bergeron, N. *Catalan paths and quasi-symmetric functions*, 1053

Azizov, Tomas Ya.; Dijksma, Aad; and Gridneva, Irina V. *On the boundedness of Hamiltonian operators*, 563

Bagby, Richard J. and Masaedeh, Basem. *Regularization of A_p weights*, 761

Bakonyi, Mihály. *Nehari and Carathéodory-Fejér type extension results for operator-valued functions on groups*, 3517

Bakuradze, M.; Jibladze, M.; and Vershinin, V. V. *Characteristic classes and transfer relations in cobordism*, 1935

Balogh, Zoltan T. *Reflecting point-countable families*, 1289

Ban, Dubravka and Jantzen, Chris. *The Langlands classification for non-connected p-adic groups II: Multiplicity one*, 3297

Baratella, Stefano and Ng, Siu-Ah. *A nonstandard proof of the Eberlein-Šmulian theorem*, 3177
Barraa, Mohamed and Boumazgour, Mohamed. *A note on the spectrum of an upper triangular operator matrix*, 3083
Barrionuevo, Jose and Lacey, Michael T. *A weak-type orthogonality principle*, 1763
Bartoszynski, Tomek. *Remarks on small sets of reals*, 625
Bauschke, Heinz H. *The composition of projections onto closed convex sets in Hilbert space is asymptotically regular*, 141
Bauschke, Heinz H. and Combettes, Patrick L. *Construction of best Bregman approximations in reflexive Banach spaces*, 3757
Bayart, Frédéric. *Similarity to an isometry of a composition operator*, 1789
Bazzoni, S. *Cotilting modules are pure-injective*, 3665
Beardmore, R. E. *See* Laister, R.
Bednarchak, Debe. *Geometric properties coded in the long-time asymptotics for the heat equation on Z^n*, 2261
Belegradek, Igor. *Vector bundles with infinitely many souls*, 2217
Benko, David; Erdélyi, Tamás; and Szabados, József. *The full Markov-Newman inequality for Müntz polynomials on positive intervals*, 2385
Bennett, Jonathan M. and Vargas, Ana. *Randomised circular means of Fourier transforms of measures*, 117
Benoist, Joël; Borwein, Jonathan M.; and Popovici, Nicolae. *A characterization of quasiconvex vector-valued functions*, 1109
Benson, David J. and Nakano, Daniel K. *The nucleus for restricted Lie algebras*, 3395
Bergeron, N. *See* Aval, J.-C.
*Berkovits, J. *A note on the imbedding theorem of Browder and Ton*, 2963
Bermúdez, Teresa; Bonilla, Antonio; and Martinón, Antonio. *On the existence of chaotic and hypercyclic semigroups on Banach spaces*, 2435
Biagioni, H. A. and Linares, F. *Ill-posedness for the Zakharov system with generalized nonlinearity*, 3113
Bichon, Julien. *Quantum automorphism groups of finite graphs*, 665
Böe, Bjarte. *A norm on the holomorphic Besov space*, 235
Bohman, Tom. *A limit theorem for the Shannon capacities of odd cycles I*, 3559
Boiti, Chiara and Zanghirati, Luisa. *Global analytic regularity for non-linear second order operators on the torus*, 3783
Bolotnikov, Vladimir. *Interpolation for multipliers on reproducing kernel Hilbert spaces*, 1373
Bolt, Michael. *A local geometric characterization of the Bochner-Martinelli kernel*, 1131
Bonilla, Antonio. *See* Bermúdez, Teresa
Borisov, Alexander. *On a question of Craven and a theorem of Belyi*, 3677
Borwein, J. M. and Dontchev, A. L. *On the Bartle-Graves theorem*, 2553
Borwein, Jonathan M. *See* Benoist, Joël
Borwein, Peter B. and Zhou, Ping. *On the irrationality of a certain multivariate q series*, 1989
Boumazgour, Mohamed. *See* Barraa, Mohamed
Boumenir, A. *The impedance tomography problem*, 3553
Bouzar, Chikh and Chaili, Rachid. *Gevrey vectors of multi-quasi-elliptic systems*, 1565
Braun, Rüdiger W.; Meise, Reinhold; and Taylor, B. A. *Local radial Phragmén-Lindelöf estimates for plurisubharmonic functions on analytic varieties*, 2423
Brešar, Matej; Fošner, Ajda; and Šemrl, Peter. *A note on invertibility preservers on Banach algebras*, 3833
Brodmann, M.; Fumasoli, S.; and Tajarod, R. *Local cohomology over homogeneous rings with one-dimensional local base ring*, 2977
Brungs, H. H. and Gräter, J. *Characterizing nearly simple chain domains*, 1347
Buch, Anders Skovsted. *A direct proof of the quantum version of Monk's formula*, 2037
Budzyńska, Monika. *An example in holomorphic fixed point theory*, 2771
Buff, Xavier. *On the Bieberbach conjecture and holomorphic dynamics*, 755
Bunce, Leslie J. and Peralta, Antonio M. *The alternative Dunford-Pettis property in C^*-algebras and von Neumann preduals*, 1251
Burachik, Regina Sandra and Svaiter, B. F. *Maximal monotonicity, conjugation and the duality product*, 2379

Burke, Dennis K. and Pol, Roman. *On non-measurability of ℓ_∞/c_0 in its second dual*, 3955
Buser, Peter and Seppälä, Mika. *Triangulations and homology of Riemann surfaces*, 425
Bustinduy, Alvaro. *Zeroes of complete polynomial vector fields*, 3767
Butscher, Adrian. *Deformations of minimal Lagrangian submanifolds with boundary*, 1953
Buzano, Ernesto and Ziggioto, Andrea. *Weyl formula for hypoelliptic operators of Schrödinger type*, 265
Cabada, A. and Sanchez, L. *Second order singular periodic problems in the presence of dry friction*, 2137
Campana, F.; Peternell, T.; and Zhang, Qi. *On the Albanese maps of compact Kähler manifolds*, 549
Cao, Daomin and Peng, Shuangjie. *A global compactness result for singular elliptic problems involving critical Sobolev exponent*, 1857
Capiński, Maciej J. and Wójcik, Klaudiusz. *Isolating segments for Carathéodory systems and existence of periodic solutions*, 2443
Carswell, Brent J. *Univalent mappings and invariant subspaces of the Bergman and Hardy spaces*, 1233
Casares, Pilar Pisón. *The short resolution of a lattice ideal*, 1081
Cascales, B.; Kąkol, J.; and Saxon, S. A. *Metrizability vs. Fréchet-Urysohn property*, 3623
Castro, Alfonso. *See* Aduén, Hugo
Chaili, Rachid. *See* Bouzar, Chikh
Chakraborty, K. and Murty, M. Ram. *On the number of real quadratic fields with class number divisible by 3*, 41
Chardin, Marc and Moreno-Socías, Guillermo. *Regularity of lex-segment ideals: Some closed formulas and applications*, 1093
Chen, Chih-Rung. *See* Wang, Lih-Chung
Chen, Debao; Menegatto, Valdir A.; and Sun, Xingping. *A necessary and sufficient condition for strictly positive definite functions on spheres*, 2733
Chen, Huaipeng. *Compact-covering maps and k-networks*, 2623
Chen, Lin; Yingbin, Ruan; and Zikun, Yan. *p-hyponormal operators are subscalar*, 2753
Chen, Wenxiong and Li, Congming. *Gaussian curvature in the negative case*, 741
Chen, Xiaoman and Hou, Shengzhao. *A Beurling-type theorem for the Fock space*, 2791
Chern, Hua-Huai; Guo, Jong-Shenq; and Lo, Chu-Pin. *The self-similar expanding curve for the curvature flow equation*, 3191
Chevalier, Lucien. *Une propriété de continuité du temps local*, 933
Chiba, Keiko. *Pseudonormality and starcompactness of σ-products*, 319
Chidume, C. E. and Zegeye, H. *Approximation methods for nonlinear operator equations*, 2467
Chien, Mao-Ting. *See* Alpin, Yuri A.
Chinen, Naotsugu. *Circle maps having an infinite ω-limit set which contains a periodic orbit have positive topological entropy*, 3547
Chmutov, Sergei. *Diagrams of divide links*, 1623
Cho, Hong Rae. *Estimates on the mean growth of H^p functions in convex domains of finite type*, 2393
Chō, Muneo and Lee, Jun Ik. *p–hyponormality is not translation–invariant*, 3109
Choe, Boo Rim; Koo, Hyungwoon; and Yi, HeungSu. *Harmonic Bergman functions as radial derivatives of Bergman functions*, 401
Choie, YoungJu and Kohnen, Winfried. *Special values of elliptic functions at points of the divisors of Jacobi forms*, 3309
Chorny, Boris. *The model category of maps of spaces is not cofibrantly generated*, 2255
Chui, Charles K. and Sun, Qiyu. *Tight frame oversampling and its equivalence to shift-invariance of affine frame operators*, 1527
Cichoń, Kinga and Seip, Kristian. *Weighted holomorphic spaces with trivial closed range multiplication operators*, 201
Cohn, J. H. E. *The Diophantine equation $x^p + 1 = py^2$*, 13
Colbois, Bruno. *Une inégalité du type Payne-Polya-Weinberger pour le laplacien brut*, 3937
Coman, Dan and Poletsky, Evgeny A. *Bernstein–Walsh inequalities and the exponential curve in $\mathbb{C}^2$*, 879
Combettes, Patrick L. *See* Bauschke, Heinz H.

Comfort, W. W. and Galindo, Jorge. *Pseudocompact topological group refinements of maximal weight*, 1311

Conca, Aldo. *Reduction numbers and initial ideals*, 1015

Coogan, Gwynneth H. and Ono, Ken. *A q-series identity and the arithmetic of Hurwitz zeta functions*, 719

Corvaja, P. and Zannier, U. *On the greatest prime factor of* $(ab+1)(ac+1)$, 1705

Costoya-Ramos, M. Cristina. *Catégorie de Lusternik-Schnirelmann et genre des* H_0*-espaces*, 637

Coutinho, S. C. *Non-holonomic simple* $\mathcal{D}$*-modules over complete intersections*, 83

Couwenberg, Wim. *A simple proof of the modular identity for theta functions*, 3305

Cox, David and Schenck, Hal. *Local complete intersections in* $\mathbb{P}^2$ *and Koszul syzygies*, 2007

Crachiola, Anthony and Maubach, Stefan. *The Derksen invariant vs. the Makar-Limanov invariant*, 3365

Cui, Jianlian and Hou, Jinchuan. *Linear maps preserving ideals of* C^**-algebras*, 3441

Ćurgus, Branko and Mascioni, Vania. *On the location of critical points of polynomials*, 253

Curto, Raúl and Park, Sang Soo. *k-hyponormality of powers of weighted shifts via Schur products*, 2761

Curto, Raúl E. and Lee, Woo Young. *Solution of the quadratically hyponormal completion problem*, 2479

Cuvilliez, Maxence and Jessup, Barry. *The rational LS-category of k-trivial fibrations*, 2223

Damanik, David and Landrigan, Michael. *Log-dimensional spectral properties of one-dimensional quasicrystals*, 2209

Dancer, E. N. and Du, Yihong. *Some remarks on Liouville type results for quasilinear elliptic equations*, 1891

Danielli, Donatella; Garofalo, Nicola; and Nhieu, Duy-Minh. *On the best possible character of the* L^Q *norm in some a priori estimates for non-divergence form equations in Carnot groups*, 3487

Daoui, A.; Mahzouli, H.; and Zerouali, E. H. *Sur les algèbres S-régulières et la S-décomposabilité des opérateurs de multiplication*, 3211

Darji, Udayan B. and Keleti, Tamás. *Covering* $\mathbb{R}$ *with translates of a compact set*, 2593

Davis, James F. and Pearson, Kimberly. *The Gromov-Lawson-Rosenberg conjecture for cocompact Fuchsian groups*, 3571

Dawson, T. W. and Feinstein, J. F. *On the denseness of the invertible group in Banach algebras*, 2831

Dekimpe, Karel. *On polynomial products in nilpotent and solvable Lie groups*, 973

Delaware, Richard. *Every set of finite Hausdorff measure is a countable union of sets whose Hausdorff measure and content coincide*, 2537

Del Pino, Manuel; García-Melián, Jorge; and Musso, Monica. *Local bifurcation from the second eigenvalue of the Laplacian in a square*, 3499

Del Río, Ángel. *See* Olivieri, Aurora

Deng, Weibing; Li, Yuxiang; and Xie, Chunhong. *Existence and nonexistence of global solutions of some non-local degenerate parabolic systems*, 1573

Derkach, Vladimir and Hassi, Seppo. *A reproducing kernel space model for* $\mathbf{N}_\kappa$*-functions*, 3795

Desquith, Etienne. *The Banach algebra induced by a double centralizer*, 2109

Dijksma, Aad. *See* Azizov, Tomas Ya.

Dilworth, S. J. and Patterson, Joseph P. *An extension of Elton's* ℓ_1^n *theorem to complex Banach spaces*, 1489

Dimitrov, Dimitar K. and Van Assche, Walter. *Erratum to "Lamé differential equations and electrostatics"*, 2303

Djordjević, Slaviša V. and Han, Young Min. *A note on Weyl's theorem for operator matrices*, 2543

Dobrinen, Natasha. *Games and general distributive laws in Boolean algebras*, 309

———. *Errata to "Games and general distributive laws in Boolean algebras"*, 2967

Domański, P. and Jakubczyk, B. *Linear continuous division for exterior and interior products*, 3163

Dong, Zhe and Lu, Shijie. *Finite rank operators in closed maximal triangular algebras II*, 1515

Donley, Robert W., Jr. *A cocycle formula for the quaternionic discrete series*, 1943

Donnelly, Harold. *Quantum unique ergodicity*, 2945

Dontchev, A. L. *See* Borwein, J. M.
Došlý, O.; Graef, J. R.; and Jaroš, J. *Forced oscillation of second order linear and half-linear difference equations*, 2859
Dou, Ze-Li. *A note on a lemma of Shimura*, 77
Droms, Carl. *A complex for right-angled Coxeter groups*, 2305
Dryanov, D. P.; Qazi, M. A.; and Rahman, Q. I. *Certain extremal problems for polynomials*, 2741
Du, Yihong. *See* Dancer, E. N.
Du, Yihong and Ma, Li. *Some remarks related to De Giorgi's conjecture*, 2415
Duong, Xuan Thinh and Yan, Lixin. *Hardy spaces of spaces of homogeneous type*, 3181
Dutta, S. P. *On modules of finite projective dimension over complete intersections*, 113
Dykema, Ken and Rădulescu, Florin. *Rescalings of free products of II_1–factors*, 1813
Edgar, G. A. and Miller, Chris. *Borel subrings of the reals*, 1121
Edigarian, Armen and Wiegerinck, Jan. *Graphs that are not complete pluripolar*, 2459
Edmunds, David E. and Opic, Bohumír. *Equivalent quasi-norms on Lorentz spaces*, 745
Ehrhardt, Torsten and van der Mee, Cornelis V. M. *Canonical factorization of continuous functions on the d-torus*, 801
Eisenbud, David; Huneke, Craig; and Ulrich, Bernd. *What is the Rees algebra of a module?*, 701
Elek, Gábor. *The rank of finitely generated modules over group algebras*, 3477
Elekes, Márton and Kunen, Kenneth. *Transfinite sequences of continuous and Baire class 1 functions*, 2453
Eliaš, Peter. *Covering for category and trigonometric thin sets*, 3241
Eloe, Paul W. *The quasilinearization method on an unbounded domain*, 1481
El Soufi, Ahmad and Ilias, Saïd. *Extremal metrics for the first eigenvalue of the Laplacian in a conformal class*, 1611
Enescu, Florian. *F-injective rings and F-stable primes*, 3379
Enflo, Per and Höim, Terje. *Some results on extremal vectors and invariant subspaces*, 379
Erdélyi, Tamás. *Extremal properties of the derivatives of the Newman polynomials*, 3129
———. *See* Benko, David
Etayo, Fernando. *The measure of holomorphicness of a real submanifold of an almost Hermitian manifold*, 2911
Fabian, M. and Zizler, V. *A "nonlinear" proof of Pitt's compactness theorem*, 3693
Fainleib, A. S. *On a characterization of measures of dispersion*, 1601
Fannes, Mark and Petz, Dénes. *Perturbation of Wigner matrices and a conjecture*, 1981
Farah, Ilijas and Solecki, Sławomir. *Two $F_{\sigma\delta}$ ideals*, 1971
Farkas, Gavril. *Regular components of moduli spaces of stable maps*, 2027
Fearnley, David L.; Fearnley, L.; and Lamoreaux, J. W. *Every three-point set is zero dimensional*, 2241
Fearnley, L. *See* Fearnley, David L.
Feichtner, Eva Maria. *Rational versus real cohomology algebras of low-dimensional toric varieties*, 1695
Feinstein, J. F. *See* Dawson, T. W.
Fejzić, Hajrudin. *Infinite approximate Peano derivatives*, 2527
Feldman, Nathan S. *Hypercyclicity and supercyclicity for invertible bilateral weighted shifts*, 479
Feldman, Nathan S. and McGuire, Paul. *On the spectral picture of an irreducible subnormal operator II*, 1793
Fenton, P. C. $\cos \pi\lambda$ *again*, 1875
Feres, R. and Zeghib, A. *Leafwise holomorphic functions*, 1717
Finet, Catherine; Martín, Miguel; and Payá, Rafael. *Numerical index and renorming*, 871
Fisher, Michael J. *The p-exponent of the $K(1)_*$-local spectrum $\Phi SU(n)$*, 3617
Fleissner, William G. *Normal subspaces of products of finitely many ordinals*, 2279
Fong, C. K. and Sourour, A. R. *The semigroup generated by a similarity orbit or a unitary orbit of an operator*, 3203
Fonseca, G.; Linares, F.; and Ponce, G. *Global existence for the critical generalized KdV equation*, 1847
Fošner, Ajda. *See* Brešar, Matej

Fujita, Hiroshi and Shakhmatov, Dmitri. *A characterization of compactly generated metric groups*, 953
Fukushima, Masatoshi and Ying, Jiangang. *A note on regular Dirichlet subspaces*, 1607
Fumasoli, S. *See* Brodmann, M.
Galindo, Jorge. *See* Comfort, W. W.
García-Melián, Jorge. *See* Del Pino, Manuel
Gardiner, Stephen J. and Hanley, Mary. *Farrell sets for harmonic functions*, 773
Garofalo, Nicola. *See* Danielli, Donatella
Garrison, Anne and Scott, Richard. *Small covers of the dodecahedron and the* 120*-cell*, 963
Gasparis, I. *Strictly singular non-compact operators on hereditarily indecomposable Banach spaces*, 1181
Gekhtman, Michael; Shapiro, Michael; and Vainshtein, Alek. *The number of connected components in double Bruhat cells for nonsimply-laced groups*, 731
Gelaki, Shlomo and Letzter, Edward S. *An affine PI Hopf algebra not finite over a normal commutative Hopf subalgebra*, 2673
Germinet, François and Klein, Abel. *Operator kernel estimates for functions of generalized Schrödinger operators*, 911
Gil', M. I. *Inner bounds for the spectrum of quasinormal operators*, 3737
Gilmer, Robert. *Some finiteness conditions on the set of overrings of an integral domain*, 2337
Göbel, Rüdiger and May, Warren. *Cancellation of direct sums of countable abelian p-groups*, 2705
———. *Modular group algebras of $\aleph_1$-separable p-groups*, 2987
Golinskii, Leonid. *Mass points of measures on the unit circle and reflection coefficients*, 1771
Goncharov, Sergey S.; Harizanov, Valentina S.; Laskowski, Michael C.; Lempp, Steffen; and McCoy, Charles F. D. *Trivial, strongly minimal theories are model complete after naming constants*, 3901
Gong, Weibang and Wang, Libin. *Mbekhta's subspaces and a spectral theory of compact operators*, 587
Gonzalez, Thomas E. *Exactly k-to-*1 *maps and hereditarily indecomposable tree-like continua*, 3925
Goto, Shiro; Hayasaka, Futoshi; and Iai, Shin-ichiro. *The a-invariant and Gorensteinness of graded rings associated to filtrations of ideals in regular local rings*, 87
Grace, Said R. *See* Agarwal, Ravi P.
Graef, J. R. *See* Došlý, O.
Graef, John R.; Qian, Chuanxi; and Yang, Bo. *Multiple symmetric positive solutions of a class of boundary value problems for higher order ordinary differential equations*, 577
Gräter, J. *See* Brungs, H. H.
Green, Edward L.; Snashall, Nicole; and Solberg, Øyvind. *The Hochschild cohomology ring of a selfinjective algebra of finite representation type*, 3387
Gridneva, Irina V. *See* Azizov, Tomas Ya.
Grigorian, M. G. and Zink, Robert E. *Subsystems of the Walsh orthogonal system whose multiplicative completions are quasibases for $L^p[0,1]$, $1 \le p < +\infty$*, 1137
Grinshpun, Zinoviy. *On the Bochner theorem on orthogonal operators*, 1591
Grzeszczuk, Piotr. *Invariants of semisimple Lie algebras acting on associative algebras*, 709
Gu, Caixing and Shapiro, Jonathan E. *Strict convexity of some subsets of Hankel operators*, 2779
Guo, Jong-Shenq. *See* Chern, Hua-Huai
Guralnick, Robert and Pak, Igor. *On a question of B. H. Neumann*, 2021
Hai, D. D. *On a class of sublinear quasilinear elliptic problems*, 2409
Hájek, Petr. *Smooth norms on certain $C(K)$ spaces*, 2049
Hajłasz, Piotr. *Whitney's example by way of Assouad's embedding*, 3463
Hamel, Andreas H. *Phelps' lemma, Daneš' drop theorem and Ekeland's principle in locally convex spaces*, 3025
Han, Deguang. *Interpolation operators associated with sub-frame sets*, 275
Han, Jongmin. *Asymptotic limit for condensate solutions in the Abelian Chern-Simons Higgs model*, 1839

———. *Asymptotic limit for condensate solutions in the Abelian Chern-Simons Higgs model II*, 3827
Han, Young Min. *See* Djordjević, Slaviša V.
Hanke, Bernhard. *See* Allday, Christopher
Hanley, Mary. *See* Gardiner, Stephen J.
Hardie, K. A.; Marcum, H. J.; and Oda, N. *The Whitehead products and powers in W-topology*, 941
Hare, Kathryn E. and Roginskaya, Maria. *A Fourier series formula for energy of measures with applications to Riesz products*, 165
Harizanov, Valentina S. *See* Goncharov, Sergey S.
Harris, Adam and Tonegawa, Yoshihiro. *A $\bar{\partial}\partial$–Poincaré lemma for forms near an isolated complex singularity*, 3329
Hassi, Seppo. *See* Derkach, Vladimir
Hayasaka, Futoshi. *See* Goto, Shiro
Heinzer, William J. and Lantz, David C. *Factorization of monic polynomials*, 1049
Herzog, Gerd and Schmoeger, Christoph. *A note on a theorem of Raubenheimer and Rode*, 3507
Herzog, Jürgen and Hibi, Takayuki. *Castelnuovo–Mumford regularity of simplicial semigroup rings with isolated singularity*, 2641
Hibi, Takayuki. *See* Herzog, Jürgen
Hoffman, Christopher. *The scenery factor of the $[T, T^{-1}]$ transformation is not loosely Bernoulli*, 3731
Hoffmann, Mark. *The Banach envelope of Paley-Wiener type spaces*, 543
Hōim, Terje. *See* Enflo, Per
Horváth, Miklós. *On the first two eigenvalues of Sturm-Liouville operators*, 1215
Hou, Jinchuan. *See* Cui, Jianlian
Hou, Shengzhao. *See* Chen, Xiaoman
Hu, Wanjun. *Tychonoff expansions by independent families*, 3607
Hu, Zhangjian. *Extended Cesàro operators on mixed norm spaces*, 2171
Huang, I-Chiau and Lin, Jan-Li. *Residues for Akizuki's one-dimensional local domain*, 2015
Huneke, Craig. *See* Eisenbud, David
Huneke, Craig and Leuschke, Graham J. *Local rings of countable Cohen-Macaulay type*, 3003
Hurri-Syrjänen, Ritva. *See* Adams, David R.
Hwang, Seungsu. *The critical point equation on a three-dimensional compact manifold*, 3221
Iai, Shin-ichiro. *See* Goto, Shiro
Iannuzzi, Andrea. *Induced local actions on taut and Stein manifolds*, 3839
Ikuta, Tadashi and Shima, Kazuhisa. *An approach to the spectrum structure of Dirac operators by the local-compactness method*, 1471
Ilias, Saïd. *See* El Soufi, Ahmad
Ingalls, Brian; Sontag, Eduardo D.; and Wang, Yuan. *An infinite-time relaxation theorem for differential inclusions*, 487
Ishihara, Hajime and Vîţă, Luminiţa. *Locating subsets of a normed space*, 3231
Ismail, Mourad E. and Zayed, Ahmed I. *A q-analogue of the Whittaker-Shannon-Kotel'nikov sampling theorem*, 3711
Ivanescu, C. and Savu, A. *The Kowalevski top as a reduction of a Hamiltonian system on $\mathfrak{sp}(4, \mathbb{R})^*$*, 607
Iyama, Osamu. *Finiteness of representation dimension*, 1011
Izawa, Takeshi. *Note on the Riemann-Hurwitz type formula for multiplicative sequences*, 3583
Jackson, Frances Y. and Luxemburg, W. A. J. *Sundual characterizations of the translation group of $\mathbb{R}$*, 185
Jakubczyk, B. *See* Domański, P.
Jantzen, Chris. *See* Ban, Dubravka
Jaroš, J. *See* Došlý, O.
Jarvis, Tyler J. *See* Abramovich, Dan
Jeanjean, Louis and Tanaka, Kazunaga. *A remark on least energy solutions in $\mathbf{R}^N$*, 2399
Jelonek, Zbigniew. *On bifurcation points of a complex polynomial*, 1361
Jenča, Gejza and Pulmannová, Sylvia. *Orthocomplete effect algebras*, 2663

Jeong, Moonja and Taniguchi, Masahiko. *Bell representations of finitely connected planar domains*, 2325
Jessup, Barry. *See* Cuvilliez, Maxence
Ji, Guoxing and Tomiyama, Jun. *On characterizations of commutativity of C^*-algebras*, 3845
Jia, Rong-Qing. *Convergence rates of cascade algorithms*, 1739
Jibladze, M. *See* Bakuradze, M.
Joiţa, Cezar. *Traces of convex domains*, 2721
Juhász, István; Shelah, Saharon; Soukup, Lajos; and Szentmiklóssy, Zoltán. *A tall space with a small bottom*, 1907
Jung, Il Bong; Ko, Eungil; and Pearcy, Carl. *On quasinilpotent operators*, 2121
Kadison, Lars. *Hopf algebroids and H-separable extensions*, 2993
Kąkol, J. *See* Cascales, B.
Kallel-Jallouli, Saoussen. *Existence of C^∞ local solutions of the complex Monge-Ampère equation*, 1103
Kalton, N. J. *A remark on quasi-isometries*, 1225
*Kaplansky, Irving. *The forms $x + 32y^2$ and $x + 64y^2$*, 2299
Kassabov, M. *On pro-unipotent groups satisfying the Golod–Shafarevich condition*, 329
Kearton, C. and Wilson, S. M. J. *Knot modules and the Nakanishi index*, 655
Keleti, Tamás. *See* Darji, Udayan B.
Kessar, Radha and Linckelmann, Markus. *A block theoretic analogue of a theorem of Glauberman and Thompson*, 35
Khan, A. A. *See* Rouhani, B. Djafari
Khare, Chandrashekhar. *Limits of residually irreducible p-adic Galois representations*, 1999
———. *F-split Galois representations are potentially abelian*, 3021
Khashyarmanesh, K. and Salarian, Sh. *On the rings whose injective hulls are flat*, 2329
Khavinson, Dmitry and Świątek, Grzegorz. *On the number of zeros of certain harmonic polynomials*, 409
Khoshnevisan, Davar and Xiao, Yimin. *Weak unimodality of finite measures, and an application to potential theory of additive Lévy processes*, 2611
Khurana, Surjit Singh. *Approximation of measurable mappings by sequences of continuous functions*, 937
———. *Weak compactness of certain sets of measures*, 3251
Kim, Dong-Soo and Kim, Young Ho. *Compact Einstein warped product spaces with nonpositive scalar curvature*, 2573
Kim, Hyun Kwang. *On regular polytope numbers*, 65
Kim, Sung Guen and Lee, Sang Hun. *Exposed 2-homogeneous polynomials on Hilbert spaces*, 449
Kim, Young Ho. *See* Kim, Dong-Soo
Klein, Abel. *See* Germinet, François
Kleper, Dvir and Schechtman, Gideon. *Block bases of the Haar system as complemented subspaces of L_p, $2 < p < \infty$*, 433
Klingenberg, Christian. *See* Lu, Yun-guang
Ko, Eungil. *See* Jung, Il Bong
Kohnen, Winfried. *See* Choie, YoungJu
Kojman, Menachem and Shelah, Saharon. *Van der Waerden spaces and Hindman spaces are not the same*, 1619
Kolountzakis, Mihail N. and Révész, Szilárd Gy. *On a problem of Turán about positive definite functions*, 3423
Konieczny, J. *See* Lipscomb, S.
Kono, Akira; Lin, James P.; and Nishimura, Osamu. *Characterization of the mod 3 cohomology of E_7*, 3289
Koo, Hyungwoon. *See* Choe, Boo Rim
Koshmanenko, V. *See* Albeverio, S.
Koskela, Pekka and Zhong, Xiao. *Hardy's inequality and the boundary size*, 1151
Kostrykin, Vadim; Makarov, Konstantin A.; and Motovilov, Alexander K. *On a subspace perturbation problem*, 3469

Kourogenis, Nikolaos C. and Papageorgiou, Nikolaos S. *Nonlinear hemivariational inequalities of second order using the method of upper-lower solutions*, 2359
Kovács, Sándor J. *Vanishing theorems, boundedness and hyperbolicity over higher-dimensional bases*, 3353
Kovats, Jay. *A three-curves theorem for viscosity subsolutions of parabolic equations*, 1509
Kozma, Gady and Olevskiĭ, Alexander. *Random Menshov spectra*, 1901
Krupski, Paweł. *Means on solenoids*, 1931
Kubiś, Wiesław. *Perfect cliques and G_δ colorings of Polish spaces*, 619
Kubo, Izumi. *See* Asai, Nobuhiro
Kuhlmann, Franz-Viktor; Kuhlmann, Salma; and Shelah, Saharon. *Functorial equations for lexicographic products*, 2969
Kuhlmann, Salma. *See* Kuhlmann, Franz-Viktor
Kumar, N. Mohan; Peterson, Chris; and Rao, A. Prabhakar. *Degenerating families of rank two bundles*, 3681
Kunen, Kenneth. *See* Elekes, Márton
Kunstmann, Peer Christian and Štrkalj, Željko. *H^∞-calculus for submarkovian generators*, 2081
Kunze, Markus. *Infinitely many radial solutions of a variational problem related to dispersion-managed optical fibers*, 2181
Kuo, Hui-Hsiung. *See* Asai, Nobuhiro
Kuperberg, Greg. *A generalization of Filliman duality*, 3893
Kurasov, P. *See* Albeverio, S.
Kusuda, Masaharu. *Discrete spectra of C^*-algebras and complemented submodules in Hilbert C^*-modules*, 3075
Laca, Marcelo and Larsen, Nadia S. *Hecke algebras of semidirect products*, 2189
Lacey, Michael T. *See* Barrionuevo, Jose
Laczkovich, M. *The removal of π from some undecidable problems involving elementary functions*, 2235
Laister, R. and Beardmore, R. E. *Transversality and separation of zeros in second order differential equations*, 209
Lamoreaux, J. W. *See* Fearnley, David L.
Landrigan, Michael. *See* Damanik, David
Lansky, Joshua and Raghuram, A. *On the correspondence of representations between $GL(n)$ and division algebras*, 1641
Lantz, David C. *See* Heinzer, William J.
Laptev, Gennady G. *Nonexistence results for higher-order evolution partial differential inequalities*, 415
Laradji, A. *Inverse limits of algebras as retracts of their direct products*, 1007
Larsen, Nadia S. *See* Laca, Marcelo
Laskowski, Michael C. *See* Goncharov, Sergey S.
Lassak, Marek. *Erratum to "Approximation of convex bodies by axially symmetric bodies"*, 2301
Lee, Jun Ik. *See* Chō, Muneo
Lee, Sang Hun. *See* Kim, Sung Guen
Lee, Sanghyuk. *Endpoint estimates for the circular maximal function*, 1433
Lee, Woo Young. *See* Curto, Raúl E.
Lefèvre, P. and Rodríguez-Piazza, L. *p-Rider sets are q-Sidon sets*, 1829
Lemańczyk, Mariusz. *See* Ahn, Young-Ho
Lemin, Alex J. *On ultrametrization of general metric spaces*, 979
Lempp, Steffen. *See* Goncharov, Sergey S.
Lenart, Cristian and Sottile, Frank. *Skew Schubert polynomials*, 3319
Leng, Gangsong. *The minimum number of acute dihedral angles of a simplex*, 3039
Lerner, Andrei K. *On pointwise estimates for the Littlewood-Paley operators*, 1459
Letzter, Edward S. *See* Gelaki, Shlomo
Leu, Ming-Guang and Li, Guan-Wei. *The Diophantine equation $2x^2 + 1 = 3^n$*, 3643
Leung, Denny H. and Tang, Wee-Kee. *The ℓ^1-indices of Tsirelson type spaces*, 511
Leuschke, Graham J. *See* Huneke, Craig
Li, Chi-Kwong and Pierce, Steve. *Linear operators preserving correlation matrices*, 55
Li, Congming. *See* Chen, Wenxiong

Li, Guan-Wei. *See* Leu, Ming-Guang
Li, Hui. *π_1 of Hamiltonian S^1 manifolds*, 3579
Li, Yangming and Wang, Yanming. *The influence of minimal subgroups on the structure of a finite group*, 337
Li, Yuxiang. *See* Deng, Weibing
Lin, Huaxin. *Simple AH-algebras of real rank zero*, 3813
Lin, James P. *See* Kono, Akira
Lin, Jan-Li. *See* Huang, I-Chiau
Linares, F. *See* Biagioni, H. A.
———. *See* Fonseca, G.
Linckelmann, Markus. *See* Kessar, Radha
Lion, Jean-Marie; Miller, Chris; and Speissegger, Patrick. *Differential equations over polynomially bounded o-minimal structures*, 175
Lipman, Joseph. *See* Tarrío, Leovigildo Alonso
Lipscomb, S. and Konieczny, J. *The class equation and counting in factorizable monoids*, 3345
Liu, Jiaquan and Wang, Zhi-Qiang. *Soliton solutions for quasilinear Schrödinger equations, I*, 441
Liu, William. *Convexity of moment polytopes of algebraic varieties*, 2921
Liu, Yuming. *On stable equivalences of Morita type for finite dimensional algebras*, 2657
Lo, Chu-Pin. *See* Chern, Hua-Huai
López, Ana Jeremías. *See* Tarrío, Leovigildo Alonso
Lu, Fangyan. *Jordan isomorphisms of nest algebras*, 147
———. *Isomorphisms of subalgebras of nest algebras*, 3883
Lu, Shanzhen and Wu, Qiang. *Endpoint estimates for certain commutators of fractional and singular integrals*, 467
Lu, Shijie. *See* Dong, Zhe
Lu, Yun-guang and Klingenberg, Christian. *A mixed type system of three equations modelling reacting flows*, 3511
Luca, Florian. *On the Diophantine equation $x^2 = 4q^m - 4q^n + 1$*, 1339
Luo, Wenzhi. *Equidistribution of Hecke eigenforms on the modular surface*, 21
Luxemburg, W. A. J. *See* Jackson, Frances Y.
Ma, Li. *See* Du, Yihong
MacCluer, Barbara D.; Stroethoff, Karel; and Zhao, Ruhan. *Generalized Schwarz-Pick estimates*, 593
Machihara, Shuji and Ozawa, Tohru. *Interpolation inequalities in Besov spaces*, 1553
Mahdavi-Hezavehi, M. and Tignol, J.-P. *Cyclicity conditions for division algebras of prime degree*, 3673
Mahzouli, H. *See* Daoui, A.
Makarov, Konstantin A. *See* Kostrykin, Vadim
Manfredini, Maria and Pascucci, Andrea. *A priori estimates for quasilinear degenerate parabolic equations*, 1115
Manoussakis, A. *Some remarks on spreading models and mixed Tsirelson spaces*, 2515
Marciszewski, Witold. *A function space $C_p(X)$ without a condensation onto a σ-compact space*, 1965
Marcum, H. J. *See* Hardie, K. A.
Marshall, Dan. *The product of a nonsymmetric Jack polynomial with a linear function*, 1817
Martín, Miguel. *Banach spaces having the Radon-Nikodým property and numerical index 1*, 3407
———. *See* Finet, Catherine
Martinón, Antonio. *See* Bermúdez, Teresa
Masaedeh, Basem. *See* Bagby, Richard J.
Mascioni, Vania. *See* Ćurgus, Branko
Mashevitzky, G. and Schein, Boris M. *Automorphisms of the endomorphism semigroup of a free monoid or a free semigroup*, 1655
Mathai, Varghese; Schick, Thomas; and Yates, Stuart. *Approximating spectral invariants of Harper operators on graphs II*, 1917
Matsui, Mai; Yamada, Mino; and Takeo, Fukiko. *Supercyclic and chaotic translation semigroups*, 3535

Maubach, Stefan. *See* Crachiola, Anthony
Mauldin, R. Daniel and Yingst, Andrew Q. *Comments about the Steinhaus tiling problem*, 2071
May, Warren. *See* Göbel, Rüdiger
Mayer, Volker and Urbański, Mariusz. *Finer geometric rigidity of limit sets of conformal IFS*, 3695
McCoy, Charles F. D. *See* Goncharov, Sergey S.
McCullough, Darryl. *Imbeddings of free actions on handlebodies*, 2247
Mc Donald, John N. *Adjoints of a class of composition operators*, 601
McDonald, Patrick and Meyers, Robert. *Isospectral polygons, planar graphs and heat content*, 3589
McGuire, Paul. *See* Feldman, Nathan S.
McKinnon, David. *Vojta's Main Conjecture for blowup surfaces*, 1
Meaney, Christopher. *Divergent Cesàro and Riesz means of Jacobi and Laguerre expansions*, 3123
Meda, Ana. *Conditional weak laws in Banach spaces*, 2597
Meise, Reinhold. *See* Braun, Rüdiger W.
Melas, Antonios D. *A lower bound for sums of eigenvalues of the Laplacian*, 631
Menegatto, Valdir A. *See* Chen, Debao
Meng, Fanwei and Mingarelli, Angelo B. *Oscillation of linear Hamiltonian systems*, 897
Meyers, Robert. *See* McDonald, Patrick
Michalewski, Henryk. *Condensations of projective sets onto compacta*, 3601
Milišić, Vuk. *Stability and convergence of discrete kinetic approximations to an initial-boundary value problem for conservation laws*, 1727
Miller, Chris. *See* Edgar, G. A.
———. *See* Lion, Jean-Marie
Mingarelli, Angelo B. *See* Meng, Fanwei
Minh, Pham Anh. *Nilpotency degree of cohomology rings in characteristic p*, 363
Miura, Takeshi and Niijima, Kazuki. *On a characterization of the maximal ideal spaces of algebraically closed commutative C^*-algebras*, 2869
Molnár, Lajos. *Local automorphisms of operator algebras on Banach spaces*, 1867
Moors, Warren B. and Somasundaram, Sivajah. *A weakly Stegall space that is not a Stegall space*, 647
Mordukhovich, Boris S. and Wang, Bingwu. *Differentiability and regularity of Lipschitzian mappings*, 389
Moreno-Socías, Guillermo. *See* Chardin, Marc
Móricz, Ferenc. *Ferenc Lukács type theorems in terms of the Abel-Poisson mean of conjugate series*, 1243
Moriya, Katsuhiro. *Existence of algebraic minimal surfaces for an arbitrary puncture set*, 303
Mortad, Hichem M. *An application of the Putnam-Fuglede theorem to normal products of self-adjoint operators*, 3135
Motovilov, Alexander K. *See* Kostrykin, Vadim
Müller, Peter. *Algebraic groups over finite fields, a quick proof of Lang's theorem*, 369
Müller, V. *Power bounded operators and supercyclic vectors*, 3807
Murty, M. Ram. *See* Chakraborty, K.
Musso, Monica. *See* Del Pino, Manuel
Nahlus, Nazih. *Lie algebras and separable morphisms in pro-affine algebraic groups*, 1321
Nakai, Hirofumi and Ravenel, Douglas C. *The first cohomology group of the generalized Morava stabilizer algebra*, 1629
Nakano, Daniel K. *See* Benson, David J.
Nakazi, Takahiko. *The Nevanlinna counting functions for Rudin's orthogonal functions*, 1267
Navarro, Gabriel. *Number of Sylow subgroups in p-solvable groups*, 3019
Neelon, Tejinder. *A correction to "Ultradifferentiable functions on lines in $\mathbb{R}^n$"*, 991
Ng, Siu-Ah. *See* Baratella, Stefano
Nhieu, Duy-Minh. *See* Danielli, Donatella
Nicola, Fabio. *K-theory of* SG*-pseudo-differential algebras*, 2841
Nielsen, Lance. *Effects of absolute continuity in Feynman's operational calculus*, 781
Niijima, Kazuki. *See* Miura, Takeshi

Nikolov, Nikolai and Pflug, Peter. *Behavior of the Bergman kernel and metric near convex boundary points*, 2097
Nishimura, Osamu. *See* Kono, Akira
Nizhnik, L. *See* Albeverio, S.
Obaya, Rafael. *See* Alonso, Ana I.
Oda, N. *See* Hardie, K. A.
Ok, Efe A. *Nonzero fixed points of power-bounded linear operators*, 1539
Okayasu, Rui. *Type III factors arising from Cuntz-Krieger algebras*, 2145
Olevskiĭ, Alexander. *See* Kozma, Gady
Olivieri, Aurora and Del Río, Ángel. *Bicyclic units of $\mathbb{Z}S_n$*, 1649
Onninen, Jani. *A note on the isoperimetric inequality*, 3821
Ono, Ken. *See* Coogan, Gwynneth H.
Opic, Bohumír. *See* Edmunds, David E.
O'Regan, Donal. *See* Agarwal, Ravi P.
Ortega, Rafael. *See* Alonso, Ana I.
Ouyang, Yong. *An application of Bochner's technique to the deformations of the complex structure of $\mathbb{CP}^n$*, 3703
Ozawa, Makoto and Tsutsumi, Yukihiro. *Totally knotted Seifert surfaces with accidental peripherals*, 3945
Ozawa, Tohru. *See* Machihara, Shuji
Paeng, Seong-Hun. *On the fundamental group of manifolds with almost nonnegative Ricci curvature*, 2577
Pak, Igor. *See* Guralnick, Robert
Páles, Zsolt. *On approximately convex functions*, 243
Paliogiannis, Fotios C. *On commuting operator exponentials*, 3777
Papageorgiou, Nikolaos S. *See* Kourogenis, Nikolaos C.
Paras, Agnes T. and Strüngmann, Lutz. *Fully transitive p-groups with finite first Ulm subgroup*, 371
Park, Chun-Gil. *Multi-quadratic mappings in Banach spaces*, 2501
Park, Sang Soo. *See* Curto, Raúl
Parthasarathy, R. *See* Alaoui, A. El Kacimi
Pascucci, Andrea. *See* Manfredini, Maria
Pasnicu, Cornel. *The ideal property in crossed products*, 2103
Patterson, Joseph P. *See* Dilworth, S. J.
Patula, W. T. and Voulov, H. D. *On the oscillation and periodic character of a third order rational difference equation*, 905
Patzschke, Norbert. *The strong open set condition for self-conformal random fractals*, 2347
Payá, Rafael. *See* Finet, Catherine
Pearcy, Carl. *See* Jung, Il Bong
Pearson, Kimberly. *See* Davis, James F.
Pelant, Jan; Tkachenko, Mihail G.; Tkachuk, Vladimir V.; and Wilson, Richard G. *Pseudocompact Whyburn spaces need not be Fréchet*, 3257
Pelczar, Anna Maria. *Subsymmetric sequences and minimal spaces*, 765
Peng, Shuangjie. *See* Cao, Daomin
Pennanen, Teemu; Revalski, Julian P.; and Théra, Michel. *Graph-distance convergence and uniform local boundedness of monotone mappings*, 3721
Penot, Jean-Paul. *A fixed-point theorem for asymptotically contractive mappings*, 2371
Peralta, Antonio M. *See* Bunce, Leslie J.
Petermichl, S. and Pott, S. *A version of Burkholder's theorem for operator-weighted spaces*, 3457
Peternell, T. *See* Campana, F.
Peterson, Chris. *See* Kumar, N. Mohan
Petz, Dénes. *See* Fannes, Mark
Pflug, Peter. *See* Nikolov, Nikolai
Pierce, Steve. *See* Li, Chi-Kwong
Pigola, Stefano; Rigoli, Marco; and Setti, Alberto G. *A remark on the maximum principle and stochastic completeness*, 1283
Pilgrim, Kevin M. *An algebraic formulation of Thurston's combinatorial equivalence*, 3527

Pirashvili, Teimuraz. *André-Quillen homology via functor homology*, 1687
Pittet, Christophe and Saloff-Coste, Laurent. *Random walks on abelian-by-cyclic groups*, 1071
Płotka, Krzysztof. *On functions whose graph is a Hamel basis*, 1031
Pogorzały, Zygmunt. *A new invariant of stable equivalences of Morita type*, 343
Pol, Roman. *See* Burke, Dennis K.
Poletsky, Evgeny A. *See* Coman, Dan
Ponce, G. *See* Fonseca, G.
Popovici, Nicolae. *See* Benoist, Joël
Pott, S. *See* Petermichl, S.
Poulakis, Dimitrios. *Affine curves with infinitely many integral points*, 1357
Prokhorov, Dmitri V. and Szynal, Jan. *Directional convexity of level lines for functions convex in a given direction*, 1453
Proske, Frank N. and Puri, Madan L. *A strong law of large numbers for generalized random sets from the viewpoint of empirical processes*, 2937
Pulmannová, Sylvia. *See* Jenča, Gejza
Puppe, Volker. *See* Allday, Christopher
Puri, Madan L. *See* Proske, Frank N.
Qazi, M. A. *See* Dryanov, D. P.
Qian, Chuanxi. *See* Graef, John R.
Qian, Liwen. *On the regularized Whittaker-Kotel'nikov-Shannon sampling formula*, 1169
Qiao, Yuan-Qing and Tall, Franklin D. *Perfectly normal non-metrizable non-Archimedean spaces are generalized Souslin lines*, 3929
Quinn, Declan and Raianu, Şerban. *Semiprime crossed products over copointed Hopf algebras*, 29
Quinto, Eric Todd. *Mean value extension theorems and microlocal analysis*, 3267
Rădulescu, Florin. *See* Dykema, Ken
Raeburn, Iain and Thompson, Shaun J. *Countably generated Hilbert modules, the Kasparov Stabilisation Theorem, and frames in Hilbert modules*, 1557
Raghuram, A. *See* Lansky, Joshua
Rahman, Q. I. *See* Dryanov, D. P.
Raianu, Şerban. *See* Quinn, Declan
Rajić, Rajna. *On the algebra range of an operator on a Hilbert C^*-module over compact operators*, 3043
Rao, A. Prabhakar. *See* Kumar, N. Mohan
Ravenel, Douglas C. *See* Nakai, Hirofumi
Revalski, Julian P. *See* Pennanen, Teemu
Révész, Szilárd Gy. *See* Kolountzakis, Mihail N.
Rhouma, N. Bejhaj. *Principal eigenvalues for indefinite weight problems in all of $\mathbb{R}^d$*, 3747
Richman, Alexander E. *The range of linear fractional maps on the unit ball*, 889
Rifford, Ludovic. *Range of the gradient of a smooth bump function in finite dimensions*, 3063
Rigoli, Marco. *See* Pigola, Stefano
Rittatore, Alvaro. *Reductive embeddings are Cohen-Macaulay*, 675
Robert, Frédéric. *Positive solutions for a fourth order equation invariant under isometries*, 1423
Rodríguez-Piazza, L. *See* Lefèvre, P.
Rogers, James T., Jr. *Higher dimensional aposyndetic decompositions*, 3285
Roginskaya, Maria. *See* Hare, Kathryn E.
Ron, Amos and Shen, Zuowei. *The wavelet dimension function is the trace function of a shift-invariant system*, 1385
Rouhani, B. Djafari and Khan, A. A. *On the embedding of variational inequalities*, 3861
Rybkin, Alexei. *Necessary and sufficient conditions for absolute summability of the trace formulas for certain one dimensional Schrödinger operators*, 219
Rychtář, Jan. *Renorming of $C(K)$ spaces*, 2063
Salarian, Sh. *See* Khashyarmanesh, K.
Saloff-Coste, Laurent. *See* Pittet, Christophe
Sampson, G. *L^p estimates for a class of oscillatory integrals*, 2727
Sanchez, L. *See* Cabada, A.
Sarig, Omri. *Existence of Gibbs measures for countable Markov shifts*, 1751

Sato, Ryotaro. *A remark on real coboundary cocycles in L^∞-space*, 231
Sato, Takuji. *Almost Hermitian structures induced from a Kähler structure which has constant holomorphic sectional curvature*, 2903
Saussol, Benoît. *See* Alves, José F.
Saveliev, Peter. *Lomonosov's invariant subspace theorem for multivalued linear operators*, 825
Savu, A. *See* Ivanescu, C.
Saxon, S. A. *See* Cascales, B.
Schechtman, Gideon. *See* Kleper, Dvir
Schein, Boris M. *See* Mashevitzky, G.
Schenck, Hal. *See* Cox, David
Schick, Thomas. *See* Mathai, Varghese
Schlenk, Felix. *Volume preserving embeddings of open subsets of $\mathbb{R}^n$ into manifolds*, 1925
Schlumprecht, Thomas and Troitsky, Vladimir G. *On quasi-affine transforms of Read's operator*, 1405
Schmidt, Karl Michael. *Eigenvalue asymptotics of perturbed periodic Dirac systems in the slow-decay limit*, 1205
Schmitt, Alexander. *A simple proof for the finiteness of GIT-quotients*, 359
Schmoeger, Christoph. *See* Herzog, Gerd
Schoutens, Hans. *A non-standard proof of the Briançon-Skoda theorem*, 103
Scott, Richard. *See* Garrison, Anne
Şega, Liana M. *Vanishing of cohomology over Gorenstein rings of small codimension*, 2313
Seip, Kristian. *See* Cichoń, Kinga
Šemrl, Peter. *See* Brešar, Matej
Seppälä, Mika. *See* Buser, Peter
Seress, Ákos. *A product decomposition of infinite symmetric groups*, 1681
Serra, António. *Interpolating sequences in harmonically weighted Dirichlet spaces*, 2809
Setti, Alberto G. *See* Pigola, Stefano
Shakhmatov, Dmitri. *See* Fujita, Hiroshi
Shapiro, Jonathan E. *See* Gu, Caixing
Shapiro, Michael. *See* Gekhtman, Michael
Shapiro, Victor L. *Fractals and distributions on the N-torus*, 3431
Sharp, Rodney Y. *Convergence of sequences of sets of associated primes*, 3009
Shelah, Saharon. *A partition relation using strongly compact cardinals*, 2585
———. *See* Juhász, István
———. *See* Kojman, Menachem
———. *See* Kuhlmann, Franz-Viktor
Shen, Zhongwei. *The spectrum of Schrödinger operators with positive potentials in Riemannian manifolds*, 3447
Shen, Zuowei. *See* Ron, Amos
Shi, Jian-yi. *Fully commutative elements and Kazhdan–Lusztig cells in the finite and affine Coxeter groups*, 3371
Shiffman, Bernard and Zelditch, Steve. *Asymptotics of almost holomorphic sections of ample line bundles on symplectic manifolds: An addendum*, 291
Shima, Kazuhisa. *See* Ikuta, Tadashi
Shimorin, Serguei. *On Beurling-type theorems in weighted l^2 and Bergman spaces*, 1777
Simis, Aron and Villarreal, Rafael H. *Constraints for the normality of monomial subrings and birationality*, 2043
Simonetta, Patrick. *An example of a C-minimal group which is not abelian-by-finite*, 3913
Simpson, R. J. and Tijdeman, R. *Multi-dimensional versions of a theorem of Fine and Wilf and a formula of Sylvester*, 1661
Šindelářová, Petra. *A zero topological entropy map with recurrent points not F_σ*, 2089
Smith, Larry. *On a theorem of R. Steinberg on rings of coinvariants*, 1043
Snashall, Nicole. *See* Green, Edward L.
Solberg, Øyvind. *See* Green, Edward L.
Solecki, Sławomir. *See* Farah, Ilijas
Somasundaram, Sivajah. *See* Moors, Warren B.
Sondow, Jonathan. *Criteria for irrationality of Euler's constant*, 3335

Sontag, Eduardo D. *See* Ingalls, Brian
Sottile, Frank. *See* Lenart, Cristian
Soukup, Lajos. *See* Juhász, István
Sourour, A. R. *See* Fong, C. K.
Speissegger, Patrick. *See* Lion, Jean-Marie
Stafford, J. T. and Zhang, J. J. *Algebras without Noetherian filtrations*, 1329
Steinberg, B. *See* Auinger, K.
Stoica, George. *Market completeness: A return to order*, 285
Štrkalj, Željko. *See* Kunstmann, Peer Christian
Stroethoff, Karel. *See* MacCluer, Barbara D.
Strüngmann, Lutz. *See* Paras, Agnes T.
Sugie, Jitsuro and Yamaoka, Naoto. *Applications of phase plane analysis of a Liénard system to positive solutions of Schrödinger equations*, 501
Sun, Qiyu. *See* Chui, Charles K.
Sun, Wenchang and Zhou, Xingwei. *Reconstruction of functions in spline subspaces from local averages*, 2561
———. *Irregular Gabor frames and their stability*, 2883
Sun, Xingping. *See* Chen, Debao
Sun, Yeshun. *See* Xie, Feng
Sun, Ziqi. *An inverse problem for an inhomogeneous conformal Killing field equation*, 1583
Sutton, Craig J. *Measures invariant under the geodesic flow and their projections*, 2933
Suzuki, Tomonari. *On strong convergence to common fixed points of nonexpansive semigroups in Hilbert spaces*, 2133
Svaiter, B. F. *Fixed points in the family of convex representations of a maximal monotone operator*, 3851
———. *See* Burachik, Regina Sandra
Swanepoel, Konrad J. *Helly-type theorems for homothets of planar convex curves*, 921
Świątek, Grzegorz. *See* Khavinson, Dmitry
Szabados, József. *See* Benko, David
Szechtman, Fernando. *n-Inner automorphisms of finite groups*, 3657
Szentmiklóssy, Zoltán. *See* Juhász, István
Szynal, Jan. *See* Prokhorov, Dmitri V.
Taheri, Ali. *Quasiconvexity and uniqueness of stationary points in the multi-dimensional calculus of variations*, 3101
Tajarod, R. *See* Brodmann, M.
Takegoshi, Kensho. *A note on divergence of L^p-integrals of subharmonic functions and its applications*, 2849
Takeo, Fukiko. *See* Matsui, Mai
Taliaferro, Steven D. and Zhang, Lei. *Arbitrarily large solutions of the conformal scalar curvature problem at an isolated singularity*, 2895
Tall, Franklin D. *See* Qiao, Yuan-Qing
Tanahashi, K.; Uchiyama, A.; and Uchiyama, M. *On Schwarz type inequalities*, 2549
Tanaka, Kazunaga. *See* Jeanjean, Louis
Tang, Wee-Kee. *See* Leung, Denny H.
Taniguchi, Masahiko. *See* Jeong, Moonja
Tarrío, Leovigildo Alonso; López, Ana Jeremías; and Lipman, Joseph. *Correction to the paper "Duality and flat base change on formal schemes"*, 351
Taylor, B. A. *See* Braun, Rüdiger W.
Taylor, Michael. *Commutator estimates*, 1501
Teichner, Peter. *Flatness and the Ore condition for rings*, 1977
Théra, Michel. *See* Pennanen, Teemu
Theriault, Stephen D. *Proofs of two conjectures of Gray involving the double suspension*, 2953
Thompson, Shaun J. *See* Raeburn, Iain
Tignol, J.-P. *See* Mahdavi-Hezavehi, M.
Tijdeman, R. *See* Simpson, R. J.
Timotin, D. *See* Ambrozie, C.-G.
Tkachenko, Mihail G. *See* Pelant, Jan

Tkachuk, Vladimir V. *See* Pelant, Jan
Todorcevic, Stevo. *A proof of Nogura's conjecture*, 3919
Tomita, Artur Hideyuki. *Two countably compact topological groups: One of size $\aleph_\omega$ and the other of weight $\aleph_\omega$ without non-trivial convergent sequences*, 2617
Tomiyama, Jun. *See* Ji, Guoxing
Tonegawa, Yoshihiro. *See* Harris, Adam
Trench, William F. *Linear perturbations of a nonoscillatory second order differential equation II*, 1415
Troitsky, E. V. *Discrete groups actions and corresponding modules*, 3411
Troitsky, Vladimir G. *See* Schlumprecht, Thomas
Tsai, Dong-Ho. *$C^{2,\alpha}$ estimate of a parabolic Monge-Ampère equation on S^n*, 3067
Tsekanovskiĭ, Eduard. *See* Arlinskiĭ, Yury
Tsumura, Hirofumi. *On alternating analogues of Tornheim's double series*, 3633
Tsutsumi, Yukihiro. *See* Ozawa, Makoto
Turcotte, Daniel. *Propagation of normality along regular analytic Jordan arcs in analytic functions with values in a complex unital Banach algebra with continuous involution*, 1399
Uchiyama, A. *See* Tanahashi, K.
Uchiyama, M. *See* Tanahashi, K.
Ulrich, Bernd. *See* Eisenbud, David
Urbański, Mariusz. *See* Mayer, Volker
Vainshtein, Alek. *See* Gekhtman, Michael
Van Assche, Walter. *See* Dimitrov, Dimitar K.
Van Der Mee, Cornelis V. M. *See* Ehrhardt, Torsten
Vargas, Ana. *See* Bennett, Jonathan M.
Vershinin, V. V. *See* Bakuradze, M.
Vestal, Sharon Schaffer and Weber, Eric. *Orthonormal wavelets and shift invariant generalized multiresolution analyses*, 3089
Việt, Duong Quôc. *On some properties of (fc)-sequences of ideals in local rings*, 45
Villarreal, Rafael H. *See* Simis, Aron
Vîţă, Luminiţa. *See* Ishihara, Hajime
Vogel, Thomas. *On the asymptotic linking number*, 2289
Voulov, H. D. *Periodic solutions to a difference equation with maximum*, 2155
———. *See* Patula, W. T.
Wade, W. R. *A Tauberian theorem for Vilenkin series*, 2877
Walter, Martin E. *Algebraic structures determined by 3 by 3 matrix geometry*, 2129
Wang, Bingwu. *See* Mordukhovich, Boris S.
Wang, Libin. *See* Gong, Weibang
Wang, Lih-Chung and Chen, Chih-Rung. *Generalized Tchakaloff's theorem for semi-spectral measures*, 2201
Wang, Yanming. *See* Li, Yangming
Wang, Yuan. *See* Ingalls, Brian
Wang, Zaihong. *Irrational rotation numbers and unboundedness of solutions of the second order differential equations with asymmetric nonlinearities*, 523
Wang, Zhi-Qiang. *See* Liu, Jiaquan
Webb, William A. and Yokota, Hisashi. *Polynomial Pell's equation*, 993
Weber, Andrzej. *Formality of equivariant intersection cohomology of algebraic varieties*, 2633
Weber, Eric. *See* Vestal, Sharon Schaffer
Wengenroth, Jochen. *Hypercyclic operators on non-locally convex spaces*, 1759
Wiegerinck, Jan. *See* Edigarian, Armen
Wilson, Richard G. *See* Pelant, Jan
Wilson, S. M. J. *See* Kearton, C.
Wójcik, Klaudiusz. *See* Capiński, Maciej J.
Wood, Peter J. *Invariant complementation and projectivity in the Fourier algebra*, 1881
Wu, J. *Average values of symmetric square L-functions at the edge of the critical strip*, 1063
Wu, Qiang. *See* Lu, Shanzhen
Wu, Wei. *Locally pre-C^*-equivalent algebras*, 555
Xia, Jingbo. *On a proposed characterization of Schatten-class composition operators*, 2505

Xiao, Yimin. *See* Khoshnevisan, Davar
Xie, Chunhong. *See* Deng, Weibing
Xie, Feng; Yin, Yongcheng; and Sun, Yeshun. *Uniform perfectness of self-affine sets*, 3053
Yajima, Yukinobu. *Characterizations of paracompactness and Lindelöfness by the separation property*, 1297
Yamada, Mino. *See* Matsui, Mai
Yamaoka, Naoto. *See* Sugie, Jitsuro
Yan, Lixin. *See* Duong, Xuan Thinh
Yang, Bo. *See* Graef, John R.
Yang, Chan Woo. *L^p regularity of averaging operators with higher fold singularities*, 455
Yang, Jiazhong. *Differentiable conjugacy of the Poincaré type vector fields on $\mathbf{R}^3$*, 2715
Yang, Rongwei. *A trace formula for isometric pairs*, 533
Yang, Tong; Zhao, Huijiang; and Zhu, Changjiang. *BV estimates of Lax-Friedrichs' scheme for a class of nonlinear hyperbolic conservation laws*, 1257
Yao, Guowu. *$\overline{\partial}$-energy integral and harmonic mappings*, 2271
Yates, Stuart. *See* Mathai, Varghese
Yeh, Lina. *See* Alpin, Yuri A.
Yi, HeungSu. *See* Choe, Boo Rim
Yi, Inhyeop. *Ordered group invariants for nonorientable one-dimensional generalized solenoids*, 1273
Yin, Yongcheng. *See* Xie, Feng
Ying, Jiangang. *See* Fukushima, Masatoshi
Yingbin, Ruan. *See* Chen, Lin
Yingst, Andrew Q. *See* Mauldin, R. Daniel
Yokota, Hisashi. *See* Webb, William A.
Yong, Alexander. *Degree bounds in quantum Schubert calculus*, 2649
Yu, Hong Bing. *A simple proof of a theorem of Bollobás and Leader*, 2639
Zafrullah, Muhammad. *See* Anderson, D. D.
Zakariasy, Lova. *The rank of Hankel operators on harmonic Bergman spaces*, 1177
Zanghirati, Luisa. *See* Boiti, Chiara
Zannier, U. *See* Corvaja, P.
Zarhin, Yuri G. *Hyperelliptic Jacobians and simple groups $\mathbf{U}_3(2^m)$*, 95
Zayed, Ahmed I. *See* Ismail, Mourad E.
Zegeye, H. *See* Chidume, C. E.
Zeghib, A. *See* Feres, R.
Zeibig, Gerd. *Limitations on the extendibility of the Radon-Nikodym Theorem*, 2491
Zelditch, Steve. *See* Shiffman, Bernard
Zerouali, E. H. *See* Daoui, A.
Zhang, J. J. *See* Stafford, J. T.
Zhang, Lei. *See* Taliaferro, Steven D.
Zhang, Qi. *See* Campana, F.
Zhang, R. B. *Howe duality and the quantum general linear group*, 2681
Zhang, Shiqing and Zhou, Qing. *Periodic solutions for planar 2N-body problems*, 2161
Zhao, Huijiang. *See* Yang, Tong
Zhao, Ruhan. *See* MacCluer, Barbara D.
Zhong, Xiao. *See* Koskela, Pekka
Zhou, Ping. *See* Borwein, Peter B.
Zhou, Qing. *See* Zhang, Shiqing
Zhou, Xingwei. *See* Sun, Wenchang
Zhu, Changjiang. *See* Yang, Tong
Ziggioto, Andrea. *See* Buzano, Ernesto
Zikun, Yan. *See* Chen, Lin
Zima, Miroslawa. *On the local spectral radius of positive operators*, 845
Zink, Robert E. *See* Grigorian, M. G.
Zizler, V. *See* Fabian, M.
Zomorrodian, Reza. *On a theorem of supersoluble automorphism groups*, 2711
Zorboska, Nina. *The Berezin transform and radial operators*, 793